

**IN THE CLAIMS:**

Kindly amend Claim 17 as follows. The status of all of the claims in this case is also set forth below.

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)
11. (Cancelled)
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)

17. (Currently Amended) A device structure for iontophoresis ~~comprising~~ consisting essentially of an electrically conductive layer containing at least one of partially ionized active ingredients and a water swelling polymer having an average molecular weight of 100,000 –

1,000,000 dalton and having a polarity selected considering the dissociation of the active ingredient for controlling pH variation, and an electrode for supplying electric current to the electrically conductive layer.

18. (Previously Presented) A device structure for iontophoresis according to claim 17, wherein the active ingredient is a cationic material and the water swelling polymer is a weakly basic water swelling polymer.

19. (Previously Presented) The device structure for iontophoresis according to claim 18, wherein the water swelling polymer comprises a polyamine of primary, secondary or tertiary amines.

20. (Previously Presented) The device structure for iontophoresis according to claim 18, wherein the water swelling polymer is a basic methacrylate copolymer.

21. (Previously Presented) The device structure for iontophoresis according to claim 18, wherein the water swelling polymer is aminoalkyl methacrylate copolymer E.

22. (Previously Presented) a device structure for iontophoresis according to claim 17, wherein the active ingredient is an anionic material and the water swelling polymer is a weakly acidic water swelling polymer.

23. (Previously Presented) The device structure for iontophoresis according to claim 22, wherein the water swelling polymer comprises a carboxylic acid.

24. (Previously Presented) The device structure for iontophoresis according to claim 22, wherein the water swelling polymer is an acidic methacrylate copolymer.

25. (Previously Presented) The device structure for iontophoresis according to claim 22, wherein the water swelling polymer is at least one of methacrylic acid copolymer L and methacrylic copolymer S.